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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/525,490	02/23/2005	Katarzyna Leijten-Nowak	NL 020827	4904
24737	7590	12/22/2005	EXAMINER	
PHILIPS INTELLECTUAL PROPERTY & STANDARDS				CRAWFORD, JASON
P.O. BOX 3001				ART UNIT
BRIARCLIFF MANOR, NY 10510				PAPER NUMBER
				2819

DATE MAILED: 12/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/525,490	LEIJTEN-NOWAK, KATARZYNA	
	<b>Examiner</b>	<b>Art Unit</b>	
	Jason Crawford	2819	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 29 August 2002.
- 2a) This action is FINAL.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-5 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1 and 5 is/are rejected.
- 7) Claim(s) 2-4 is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    - a) All    b) Some \* c) None of:
      1. Certified copies of the priority documents have been received.
      2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
      3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ . |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)               |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>2/23/05</u> . <u>11-9-05</u> | 6) <input type="checkbox"/> Other: _____ .  |

## **DETAILED ACTION**

### ***Amendment Request***

Please insert the titles for each of the sections of the specification, i.e.

Background of the Invention, Summary of Invention, Brief Description of Drawings and Description of the Preferred Embodiment etc. and also attach a separate titled Abstract that may simply be a copy of the content within the abstract given on the WIPO cover sheet provided.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1 and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Freidin (US 5631577) in view of Brelet (US 635332).

In regards to Claim 1, Freidin discloses of a dual-port RAM device comprising of first storage device (302) responsive to control signals (F1-F4 for write mode and G1-G4 for read mode, Column 4 Lines 55-60) and a second storage device (301) responsive to control signals (F1-F4, Column 4 Lines 55-60) that receives an exact copy from (302) in a write cycle (Column 4 Lines 55-58, Fig 3). Freidin also discloses of a first address decoder (305B) that controls read access (Column 4 Lines 1-2) and write

access (via 304C, see Fig 3) and a second address decoder (305A) that controls read access (Column 3 Lines 65-67, Fig 3).

Freidin does not directly disclose of the two storage devices (302, 301) being coupled to each other.

Brelet discloses of dual-port RAM device comprising of two storage devices (PORT A, PORT B) being coupled together (inherent in Fig 1).

At the time the invention was made, it would have been obvious to one of ordinary skill in the art to couple two storage devices together as taught by Brelet to be able to transfer data from one port to another easily without complex coupling means that may end up distorting the data.

In regards to Claim 5, Freidin discloses of the function generator storage devices (301, 302) being implemented as look-up tables (LUT, Column 1 Lines 46-48).

### ***Allowable Subject Matter***

Claims 2-4 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter:

In regards to Claim 2, the prior art does not directly disclose of the read access of a first and second storage devices in accordance with Claim 1, are enabled during a first phase of their respective control signals and the write access of the first storage

device and the copy access of the second device are enabled during a second phase of their respective control signals wherein the first phase ultimately comes before the second phase, nor would it have been obvious to one of ordinary skill in the art to do so.

In regards to Claim 3, the prior art does not directly disclose of a plurality of storage elements within the two storage devices of Claim 1 being coupled to each other via a data copy circuit, nor would it have been obvious to one of ordinary skill in the art to do so.

In regards to Claim 4, the prior art does not directly disclose of the data copy circuit of Claim 3 wherein the circuit comprises of a data copy cell for coupling the storage elements of the two storage devices that further comprises of an enable switch coupled to a driver circuit, nor would it have been obvious to one of ordinary skill in the art to do so.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jason Crawford whose telephone number is 571-272-6004. The examiner can normally be reached on Monday - Friday 7am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rex Barnie can be reached on 571-272-7492. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for

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published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JMC

SPE *Reinhard Parrie*